COMBAT DEVELOPMENT PROCESS CONCEPT and STATUS BRIEF

Prepared for Expeditionary Medicine Working Group

A Conceptual Overview of a Force Health Protection Combat Development Process

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Agenda

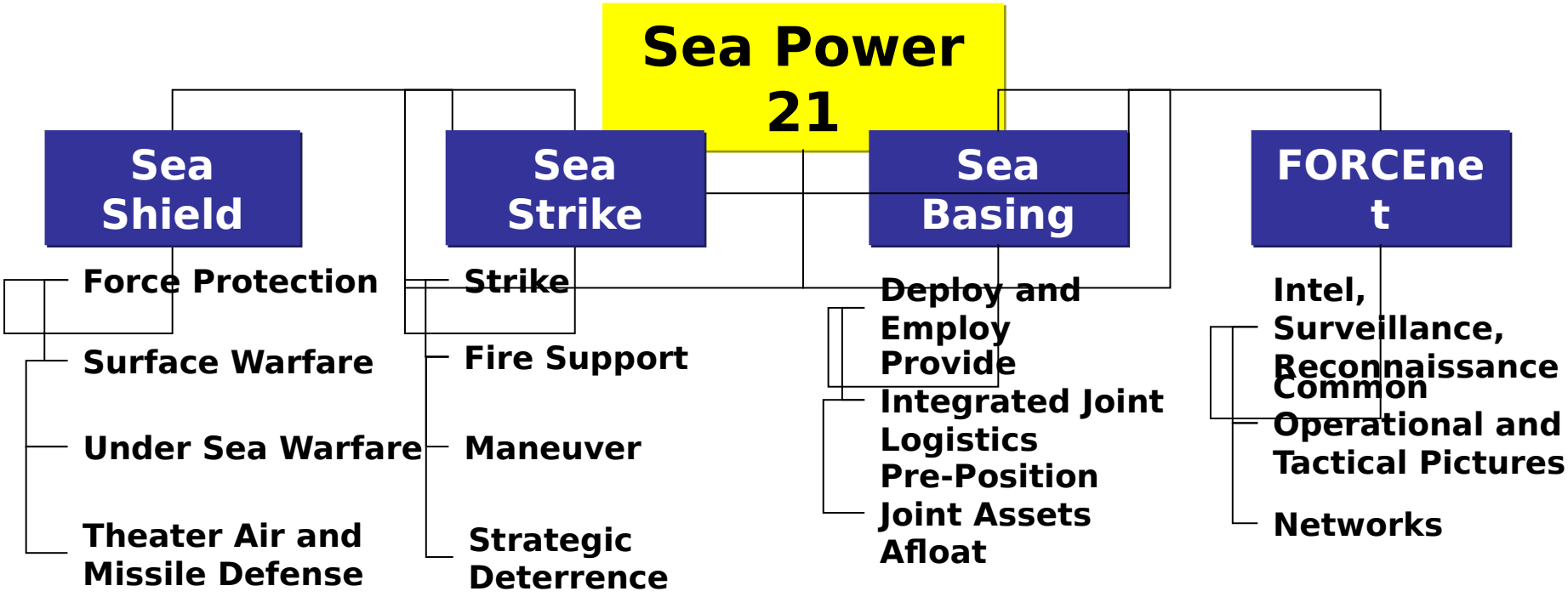
- The impact of National Strategic Guidance on Naval capabilities
- The goal of the Navy Combat Development Process
- Sea Power 21 as Naval Strategic Guidance
  - Sea Basing – Naval Medicine as an enabler
- The N6/7 Combat Development Process (CDP)
- Naval Force Health Protection 21 (NFHP-21)
- Gaps in the Force Health Protection CDP
- The Naval Medicine challenge
- The DOTMLPF approach
- Naval Force Health Protection 21 Capability Hierarchy
- A proposed Naval Medicine CDP
  - Phase 1: Force Capabilities Development
  - Phase 2: Capabilities Requirements Development
  - Phase 3: Prioritization and Resourcing
  - Phase 4: Capability Fielding and Transition
- The role of Research and Development

Strategy and Guidance

Navy Combat Development

- Align, organize, integrate, transform around Sea Power 21
  - Warfighting concepts as core Naval Capability Pillars (Sea Strike, Shield, Basing and FORCENet)
  - Warfare Sponsors lead
  - Enhance SYSCOM leadership role
  - Align ONR—future naval capabilities to tech gaps
- Expeditionary Maneuver Warfare—fully embedded in all pillars
  - Operational Maneuver From The Sea (OMFTS)
  - Ship To Objective Maneuver (STOM)

Naval Strategic Guidance (NSG)



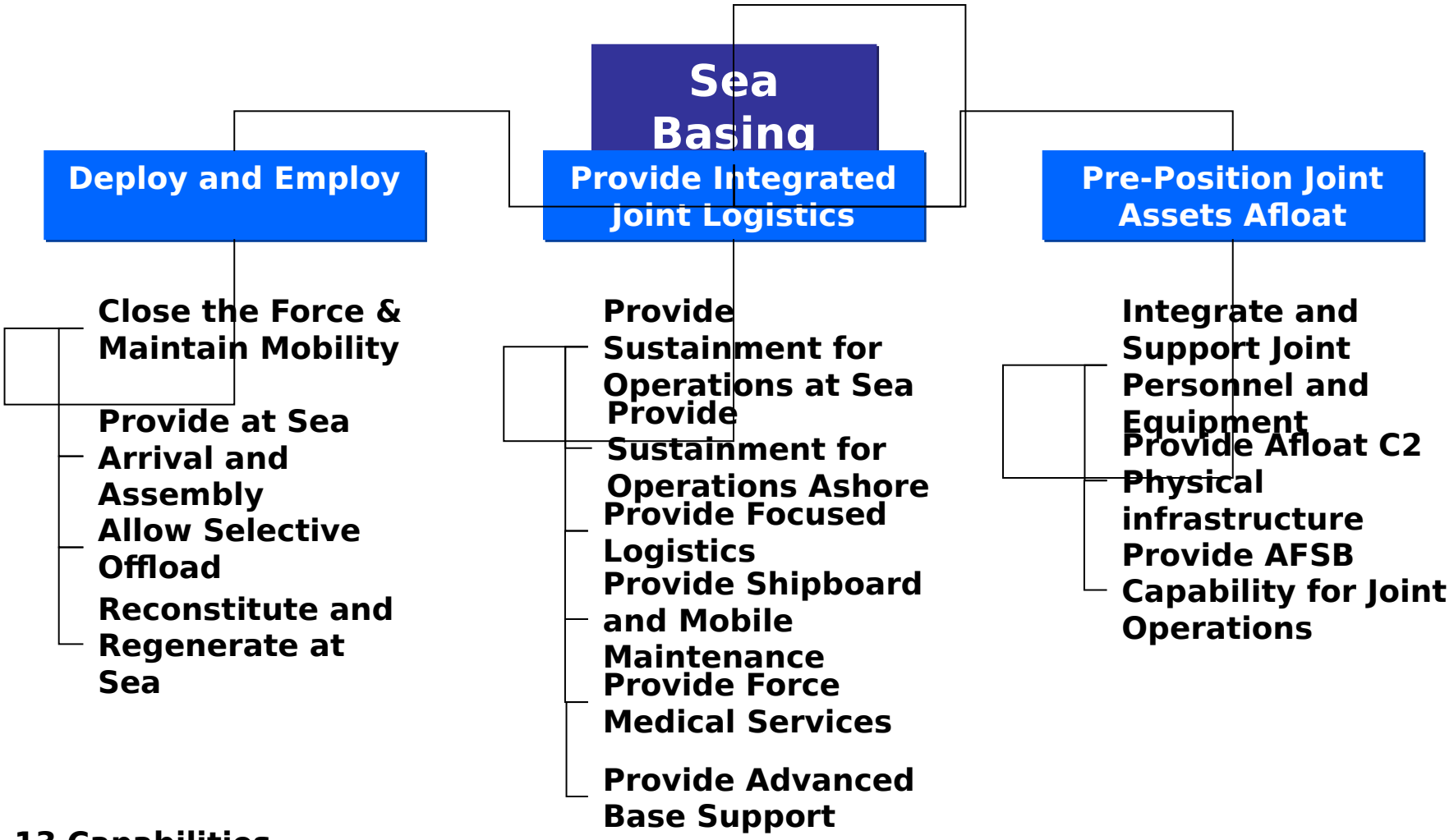
14 MCPs / 61 Capabilities

Notes: (1) Sea Power 21 pillars (NCs) are not prioritized; assumed to have equal weight

(2) Fire and Maneuver MCP broken out for prioritization purposes

(3) Sea Basing is an MCP but has sub elements identified to support MCP analysis and capabilities hierarchy

NSG Capabilities


Sea Basing
Deploy and Employ
Provide Integrated joint Logistics
Pre-Position Joint Assets Afloat
Close the Force & Maintain Mobility
Provide at Sea Arrival and Assembly
Allow Selective Offload
Reconstitute and Regenerate at Sea
Provide Sustainment for Operations at Sea
Provide Sustainment for Operations Ashore
Provide Focused Logistics
Provide Shipboard and Mobile Maintenance
Provide Force Medical Services
Provide Advanced Base Support
Integrate and Support Joint Personnel and Equipment
Provide Afloat C2
Physical infrastructure
Provide AFSB Capability for Joint Operations

13 Capabilities

N6/7 CDP

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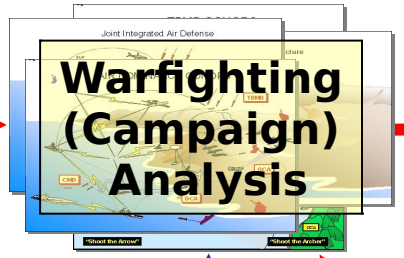
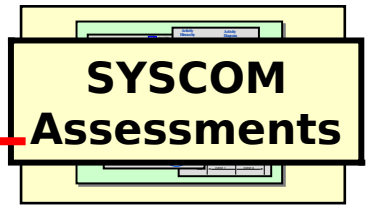
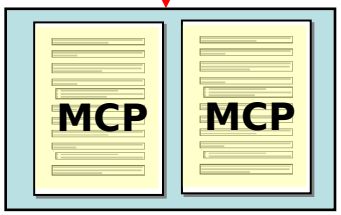


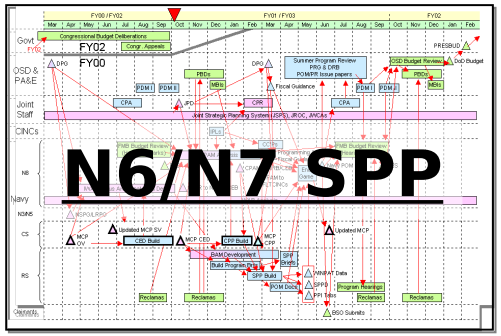
Force Capability Metrics



CONOPS

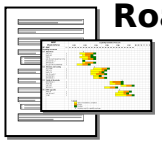
Mission Area Analysis





SEA TRIAL

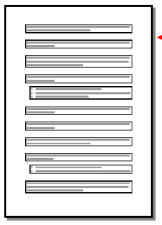
Transform Roadmap



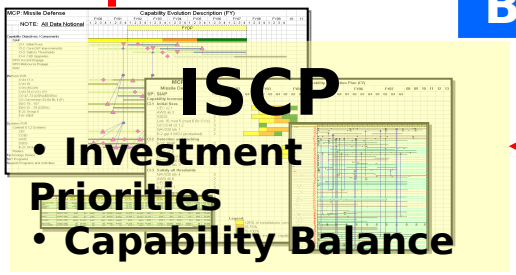
Sea Shield | Sea Strike
NCP
Sea Base | FORCE net

S & T Assessment

Program Guidance



Investment Strategy
SEA ENTERPRISE



Force Structure & Munitions (NNOR) Analyses

Unclassified

Naval Force Health Protection 21 (NFHP-21)

Combat Development Process (CDP)

- *Requirement*:
  - Naval Medicine needs a systematic process for taking a Force Health Protection concept from inception of idea through acquisition and fielding. The process will support war fighter requirements by identifying needed capabilities, clearly outline and define the process, and assign action responsibilities.
- *Construct*:
  - Based on Joint Vision 2020, Sea Power 21, MC Strategy 21 and Naval Force Health Protection 21, patterned after USMC Expeditionary Force Development System, aligned with Sea Trial and linked to Navy's Concept Development and Experimentation Plan.
- *Method*:
  - Involve CNO, NWDC, Fleet, USMC and Naval Medicine as stakeholders to develop process.
- *Product*:
  - Complete process contained within OPNAVINST.

GAPS IN FHP CDP

- Lack a Naval Health Services Support Operating Concept linked to Sea Power 21 and MC Strategy 21.
- Lack approved/validated HSS capabilities list
- Lack process for documentation/submission of capability deficiency into the CDP for assessment/validation.
- Lack DOTMLPF or Course of Action assessment process.
- Fielding materiel solutions without approved/validated capability requirements documentation.
- Weak integration of R&D investment with the acquisition community.

The Naval Medicine Challenge

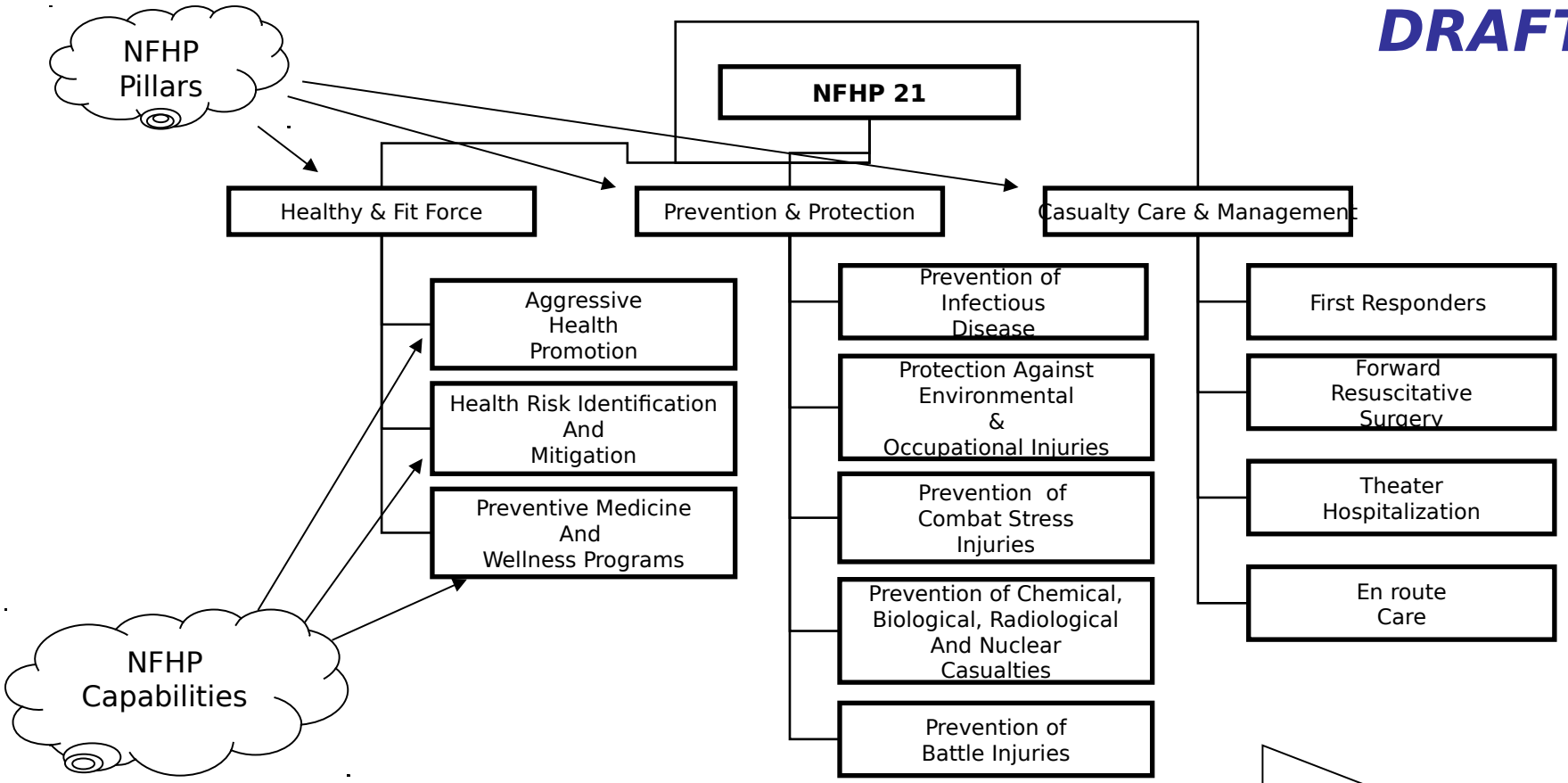
- Develop medical combat development process:
  - Force capability development
  - Capabilities requirement development
  - Prioritization and Resourcing
  - Capability fielding and transition
- Develop a DOTMLPF/course of action (COA) analysis process
- Integrate research and development programs for new technology development for materiel solutions

DOTMLPF

Requirements Category	Responsible Organization (Navy)	Responsible Organization (USMC)
Doctrine	Naval Warfare Development Command	Marine Corps Combat Development Command
Organization	Bureau of Medicine and Surgery	Marine Corps Combat Development Command
Training	Navy Medical Institute of Learning Excellence	Marine Corps Combat Development Center
Materiel	Non-IT Materiel Solution - Naval Medical Logistics Command (IT Materiel Solution) Dependent on Requirement. Involves NMIMC, SPAWAR, NMLC, NAVAIR, NAVSEA & NAVSUP	Non-IT Materiel Solution - Marine Corps Systems Command (IT Materiel Solution) Marine Corps Systems Command
Leadership & Education	Navy Medical Institute of Learning Excellence	Marine Corps Combat Development Center
Personnel	Bureau of Naval Personnel	Bureau of Naval Personnel
Facilities	Not addressed in draft CONOPS	Not addressed in draft CONOPS

NFHP-21 Capability Hierarchy

DRAFT

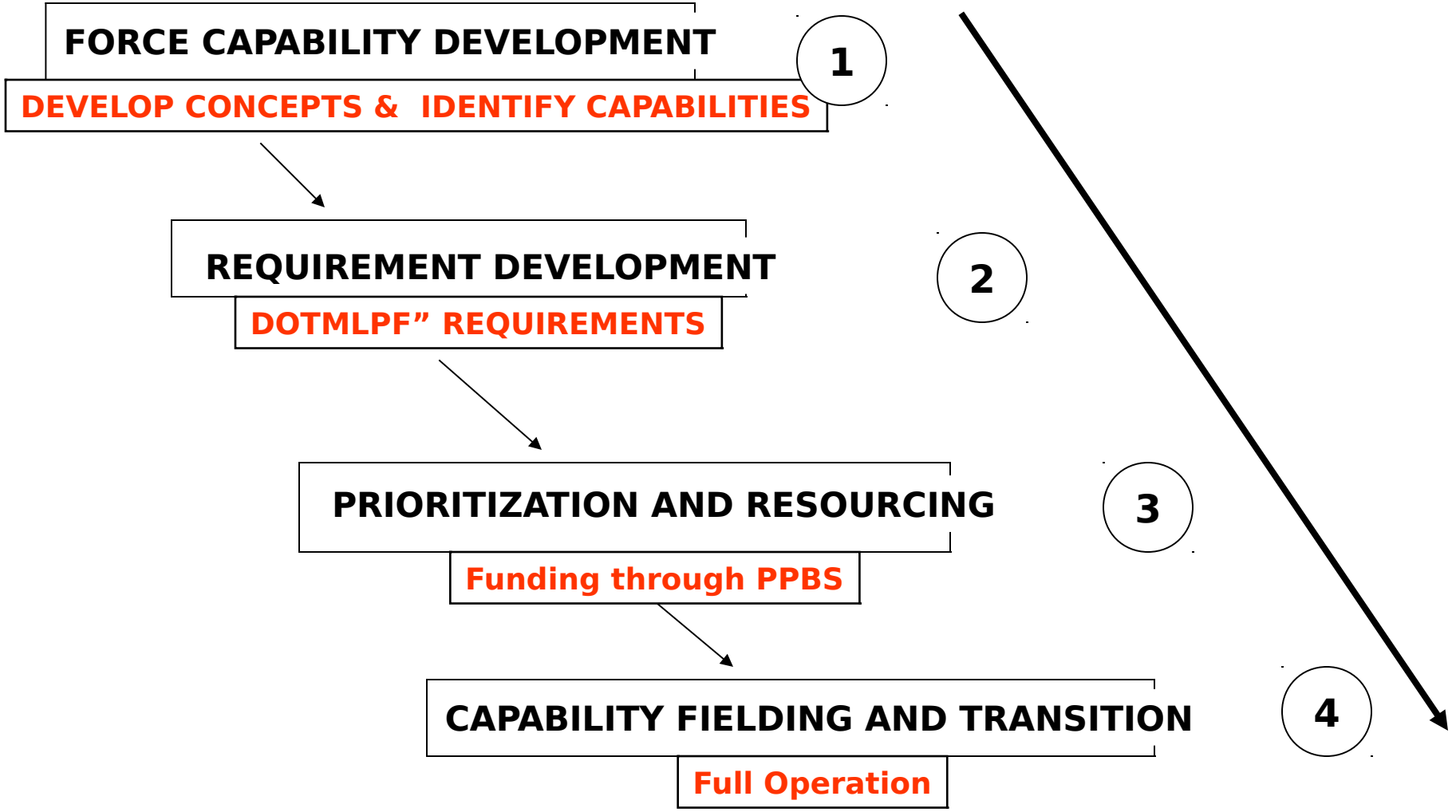


Infrastructure Support Services (enablers):

Medical Logistics, Medical Information Systems, Training, Research and Development

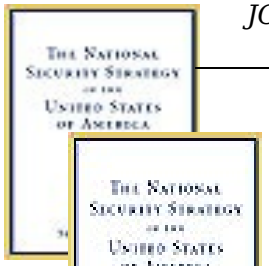
A Proposed Naval Medicine CDP

FOUR CDP PHASES

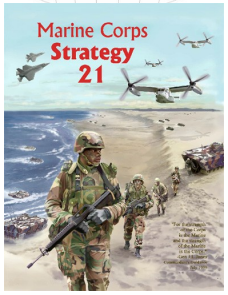


Force Capability Development

Phase 1


The National Security Strategy of the United States of America
The National Security Strategy of the United States of America

JCC



Naval Operating Concepts

Naval HSS Capabilities List Development

Conduct Capabilities Assessment & Analysis (Near-Term, Mid-Term & Far-Term)

UNS Development

2

Capabilities Requirement Development Phase

Input from Operating Forces Lessons Learned, Wargaming, Exercises, Experimentation, Modeling

Capability Reqts Development

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Phase 2

1

From Force Capability Development Phase

REQUIREMENT DEVELOPMENT & DOCUMENTATION

Concept Issue. Forward to NWDC for Impact Review

UNS Assessment Review, Categorization & Development of Courses of Action (NWDC N55)

N093 Reviews, Assesses & Endorses UNS

DOTMLPF WG Analysis Of UNS

DOTMLPF WG Develops COAs

Non-Concur. Return to Originator

Non-Concur. Return to NWDC N55

N093 COA Selection

N931 Issues Solution Initiating Directive to NWDC N55

NWDC N55 Develops and Issues Solution Planning Directive for Requirement Documentation Based on Guidance in N931's Solution Initiating Directive

3

TO PRIORITIZATION & RESOURCING PHASE

N093 Validation & Approval

Non-Materiel COA. NWDC N55 Develops Non-Materiel Documentation

Material COA. Requirements IPT, Chaired by NWDC N55, Develops Materiel Requirements Documentation

aterial COA. Non-Mature Technology. Pass to ONR WP FNC

For FNC Development that transitions from 6.2 to 6.3

Prioritization & Resourcing

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Phase 3

N093 Validation & Prioritization

N093 Convenes the EMEC to conduct DOTMLPF Analysis And Prioritization

N931 Affordability Analysis

N931 Develops, Submits and Champions HSS MCP

2

From Capability Requirement Development Phase

DON BUDGET PROCESS (BCAPP)

Integration Of MCPs Into Integrated Strategic Capability Plan (ISCP)

ISCP Validated By NROC & CEB

Incorporated Into ISCP/ISPP

Funded In Presidential Budget

4

CAPABILITY FIELDING AND TRANSITION PHASE

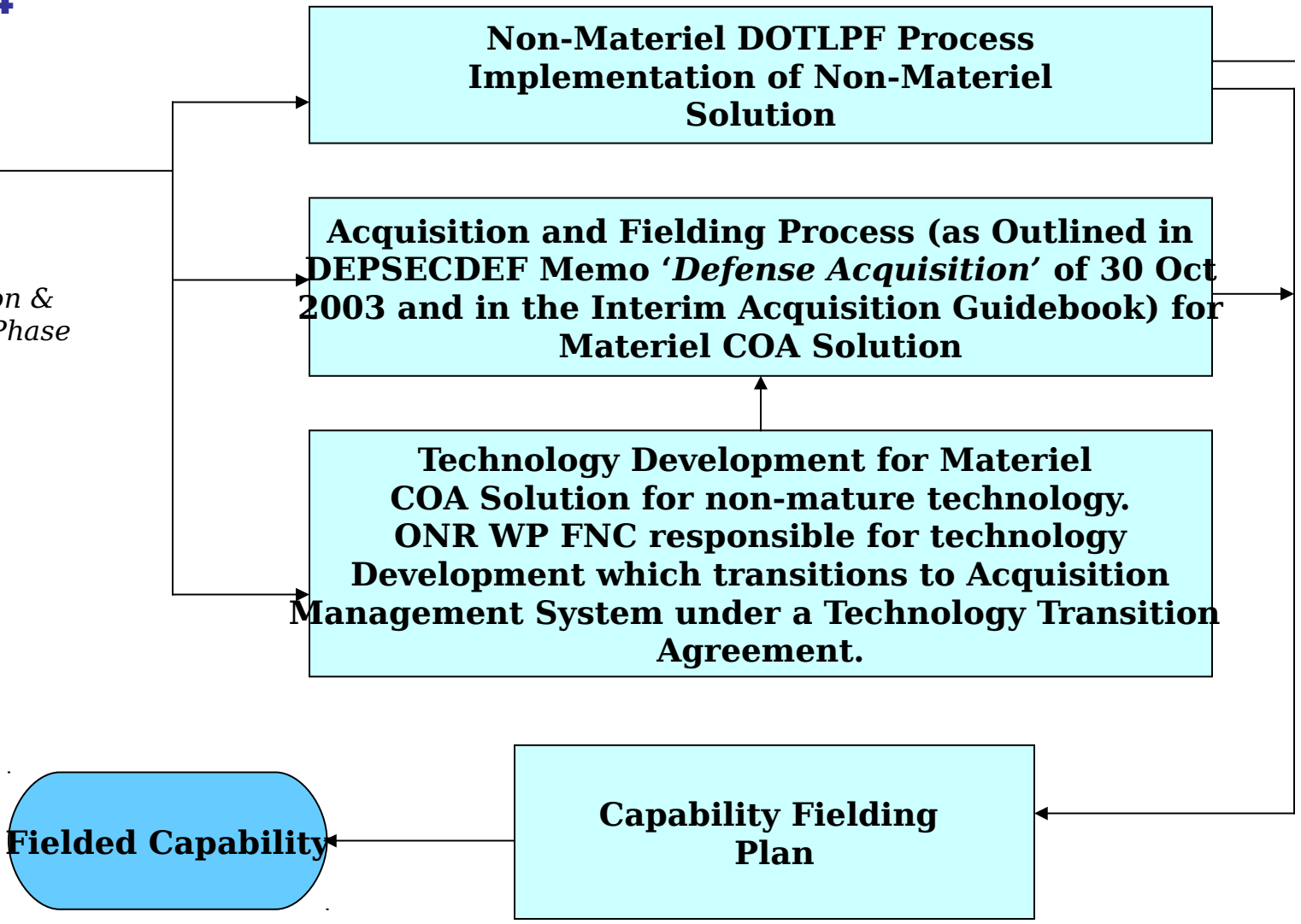
HSS – Health Services Support
MCP – Mission Capability Packages
EMEC – Expeditionary Medicine Executive Council
NROC – Navy Requirements Oversight Council
CEB – CNO Executive Board
ISCP – Integrated Strategic Capability Plan
ISPP – Integrated Sponsor's Program Proposal
BCAPP – Battle Force Capability Assessment and Programming Process

Capability Fielding & Transition

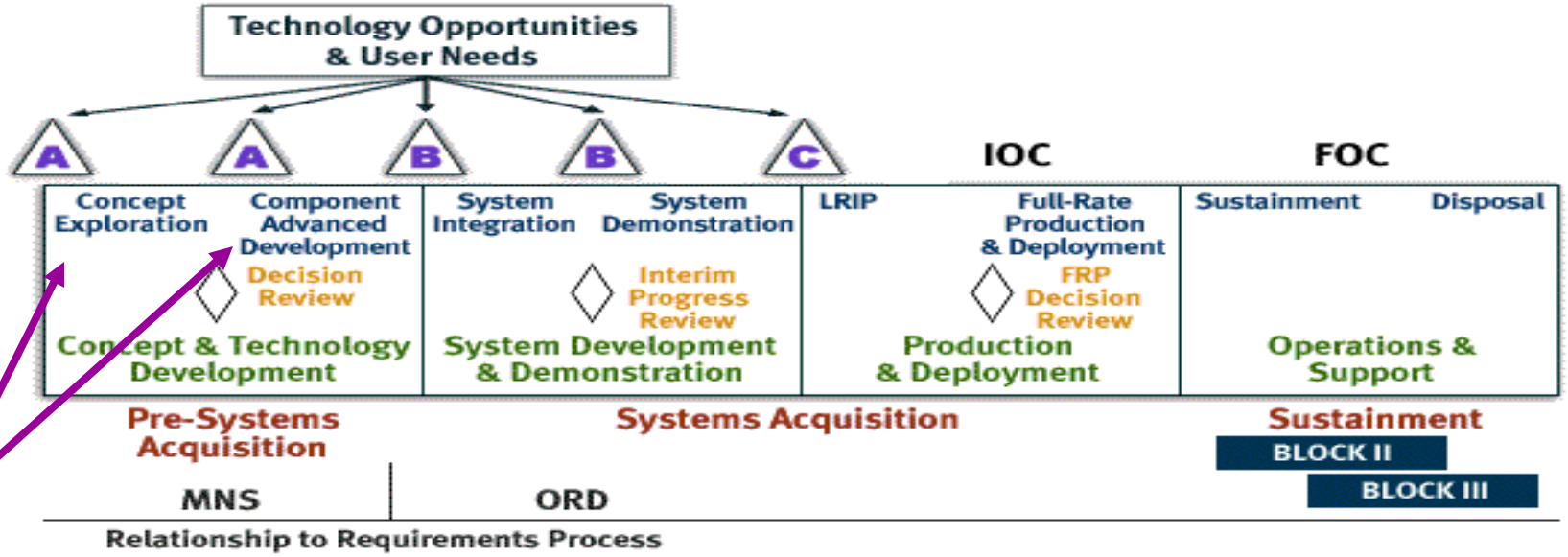
Phase 4

3

From Prioritization & Resourcing Phase


Non-Materiel DOTLPF Process Implementation of Non-Materiel Solution
Acquisition and Fielding Process (as Outlined in DEPSECDEF Memo 'Defense Acquisition' of 30 Oct 2003 and in the Interim Acquisition Guidebook) for Materiel COA Solution
Technology Development for Materiel COA Solution for non-mature technology. ONR WP FNC responsible for technology Development which transitions to Acquisition Management System under a Technology Transition Agreement.
Capability Fielding Plan
Fielded Capability

Research and Development



Entry Points for Science and Technology (S&T) during the acquisitio process. ONR Warfighter FNC Provides an appropriate means for tec development and technology demonstration. BUMED 6.4 Funds is a Demonstrating technology application to meet a validated capability Currently the level of integration between R&D efforts and acquisitio